

WHAT IS CLAIMED IS:

1. A data transmission apparatus comprising:

a sender which sends an e-mail and a request of returning confirmation of receipt of the e-mail to a destination;

a receiver which receives the confirmation of receipt from the destination; and

a controller which issues a transmission management report at predetermined timings, describing result of transmission for a plurality of transmissions in the transmission management report, wherein said controller describes in the transmission management report a transmission or transmissions on which the result of transmission is uncertain when the transmission management report is issued.

2. The data transmission apparatus according to claim 1, wherein the transmission or transmissions on which the result of transmission is uncertain include a transmission or transmissions on which the confirmation of result of transmission had not been received and a predetermined wait time had not elapsed when the transmission management report is issued.

3. The data transmission apparatus according to claim 1, wherein said controller describes in the transmission management report that the result of transmission is

uncertain for the transmission or transmissions on which the result of transmission is uncertain.

4. The data transmission apparatus according to claim 1, wherein said controller describes in the transmission management report the transmission or transmissions on which a last transmission management report stated that the result of transmission is uncertain.

5. The data transmission apparatus according to claim 4, wherein said controller describes in the transmission management report that the result of transmission is certain if the result of transmission becomes certain for the transmission or transmissions, on which a last transmission management report stated that the result of transmission is uncertain, when the transmission management report is issued.

6. The data transmission apparatus according to claim 1, wherein the request of returning confirmation of receipt is based on an MDN.

7. A computer-readable storage device storing a program comprising steps of:

sending an e-mail and a request of returning confirmation of receipt of the e-mail to a destination;

receiving the confirmation of receipt from the destination; and

issuing a transmission management report at

predetermined timings, the transmission management report describing result of transmission for a plurality of transmissions in the transmission management report, the transmission management report further describing a
5 transmission or transmissions on which the result of transmission is uncertain when the transmission management report is issued.

8. The computer-readable storage device according to claim 7, wherein the transmission or transmissions on which
10 the result of transmission is uncertain include a transmission or transmissions on which the confirmation of receipt had not been received and a predetermined wait time had not elapsed when the transmission management report is issued.

15 9. The computer-readable storage device according to claim 7, wherein in said issuing step it is described in the transmission management report that the result of transmission is uncertain for the transmission or transmissions on which the result of transmission is
20 uncertain.

10. The computer-readable storage device according to claim 7, wherein in said issuing step the transmission or transmissions on which a last transmission management report stated that the result of transmission is uncertain
25 are described in the transmission management report.

11. The computer-readable storage device according to claim 10, wherein in said issuing step it is described in the transmission management report that the result of transmission is certain if the result of transmission becomes certain for the transmission or transmissions, on which a last transmission management report stated that the result of transmission is uncertain, when the transmission management report is issued.

12. The computer-readable storage device according to claim 7, wherein the request of returning confirmation is based on an MDN.